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1339-CA (P192 C1)

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NO. PATENT
U.S. 10/643,127

Remarks/ Arguments

In response to the Office Action mailed August 20, 2004, Applicants respectfully request that the Examiner reconsider the rejections of the claims in view of the amendments set forth above and the following remarks..

Claims 16-17, and 28-35 remain.

Claims 16, 28, 33 and 34 are being amended.

Claims 36 and 37 are being added.

Claims 16-17, and 28-35 stand rejected under 35 U.S.C. § 102(e) as being anticipated by *Fujimori* (U.S. Patent 5,790,064) (hereinafter "the *Fujimori* reference"). Applicants respectfully traverse these rejections on the following grounds.

As discussed between the undersigned and the Examiner during the telephonic interview of October 13, 2004, Applicants have amended the claims to particularly point out that the sampling ($\phi 1$) and integration ($\phi 2$) phases are non – overlapping in time to ensure proper transfer of shared charge from the sharing nodes to the integration capacitors. In contrast, in the *Fujimori* reference, delayed integration phase $\phi 2D$ partially overlaps sampling phase $\phi 1$ in time, such that residual charge is removed from the reference capacitors prior to the start of the next cycle.

No new matter has been added; the claims have been merely amended to more particularly claim the subject matter Applicants believe is inventive.

Applicants respectfully submit that the Claims as they now stand are patentably distinct over the art cited during the prosecution thereof.

The Commissioner is hereby authorized to charge any other fees or credit any overpayment to Deposit Account Number 20-0821.

If the Examiner has any questions or comments concerning this paper or the present application in general, the Examiner is invited to call the undersigned at (214) 969-1749.

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Respectfully submitted,
Thompson & Knight LLP

Attorneys for Applicant

By: 
James J. Murphy
Reg. No. 34,503

1700 Pacific Avenue, Suite 3300
Dallas, Texas 75201-4693
(214) 969-1749
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